

Applied Ergonomics

Index to volume 19 (1988), nos 1-4, pages 1-352

Articles

1. A further note on psychological testing of handles, *Chi, C.-F. and Drury, C.G.*, 315
2. A knowledge-based system for the design of manual materials handling, *Kabuka, M., Genaidy, A.M. and Asfour, S.*, 147
3. A new mathematical model of the spine and its relationship to spinal loading in the workplace, *Aspden, R.M.*, 319
4. A Trade Union perspective on AMT, *Cure, K.G.*, 21
5. Advanced manufacturing technology: The implications for human resources strategies, *Taylor, D.*, 17
6. An EMG-study of work methods and equipment in crane coupling as a basis for job redesign, *Winkel, J. and Gard, G.*, 178
7. An integrated system for the collection of multiple choice type data from up to 40 subjects (Technical Note), *Schiefer, R.E., Kuhn, P.C., Meese, G.B. and Prinsloo, W.*, 329
8. An overview of advanced manufacturing technology, *Craven, F.W. and Slatter, R.R.*, 9
9. Appropriate technology for manufacturing: Some management issues, *Clegg, C.*, 25
10. Assessment of a cold air breathing aid (Research Note), *Ostberg, O.N., Reddan, W.G., Swanson, N.G., Kleman, J.E. and Miezio, K.R.*, 325
11. Chairs for the elderly - design considerations, *Holden, J.M., Fernie, G. and Lunau, K.*, 281
12. Common free time of family members under different shift systems, *Volger, A., Ernst, G., Nachreiner, F. and Hildecke, K.*, 213
13. Comparison between required clothing insulation and that actually worn by workers exposed to artificial cold, *Aptel, M.*, 301
14. Cross validation of measures of handle/human fit, *Chi, C.-F. and Drury, C.G.*, 309
15. Decision making of vending machine users, *Verhoeven, L.W.M.*, 103

16. Determinants of load carrying ability, *Haisman, M.F.*, 111
17. Ergonomic on-the-job training of assembly workers, *Paremark, G., Engvall, B. and Malmkvist, A.-K.*, 143
18. Ergonomics in sickle operation, *Nag, P.K., Goswami, A., Ashtekar, S.P. and Pradhan, C.K.*, 233
19. Ergonomics in the development of human-centred AMT, *Corbett, J.M.*, 35
20. Future AMT and ergonomics: Knowledge, organisational issues and human roles, *Sinclair, M.A.*, 49
21. Future directions and research issues for ergonomics and advanced manufacturing technology (AMT), *Johnson, G.J. and Wilson, J.R.*, 3
22. Information processing in assembly tasks - a case study, *Bishu, R.R. and Drury, C.G.*, 90
23. Keyboard interface of a speech synthesiser for the physically handicapped, *Schlegel, R.E., Spencer, R.R. and Whitbeck, C.W.*, 67
24. Manual handling of supplies in free and restricted headroom, *Sims, M.T. and Graveling, R.A.*, 289
25. Maximum acceptable inherent buoyancy limits for aircrew/pasenger helicopter immersion suit systems, *Brooks, C.J.*, 266
26. Musculo-skeletal symptoms as related to working conditions among Swedish professional fishermen, *Törner, M., Blide, G., Eriksson, H., Kadeffors, R., Karlsson, R. and Petersen, I.*, 191
27. Occupational back pain of nurses: special problems and prevention, *Harber, P., Billet, E., Shimozaki, S. and Vojtecky, M.*, 219
28. Physiological stresses associated with television camera operator's tasks, *Asfour, S.S., Waley, S.M., Genaidy, A.M. and Gonzalez, R.M.*, 275
29. Postural modifications of VDU operators wearing bifocal spectacles, *Martin, D.K. and Dain, S.J.*, 293
30. Protective clothing systems: A technique for evaluating restriction of wearer mobility, *Huck, J.*, 185
31. Railway signals passed at danger, *van der Flier, H. and Schoonman, W.*, 135
32. Solving workplace problems associated with VDTs, *Slovak, A.J.M., and Trevers, C.*, 99
33. The design of school furniture for Hong Kong schoolchildren, *Evans, W.A., Courtney, A.J. and Fok, K.F.*, 122
34. The effect of working height on the loading of the muscular and skeletal systems in the kitchens of workplace canteens, *Pekkarinen, A. and Anttonen, H.*, 306
35. The ergonomics of computer aided design within advanced manufacturing technology, *John, P.A.*, 40
36. The psychology of personal information management, *Lansdale, M.*, 55
37. Visibility requirements for the driver's stand of lift trucks, *Hella, F., Tisserand, M. and Schouller, J.F.*, 225
38. Weight and balance of a new telephone handset, *Klemmer, E.T. and Haig, K.A.*, 271
39. Workload and ergonomics measures in Swedish professional fishing, *Törner, M., Blide, G., Eriksson, H., Kadeffors, R., Karlsson, R. and Petersen, I.*, 202

Authors of articles

(number refers to article number)

- Anttonen, H. 34
Aptel, M. 13
Asfour, S.S. 2, 28
Ashtekar, S.P. 18
Aspden, R.M. 3
Billet, E. 27
Bishu, R.R. 22
Blide, G. 26, 39
Brooks, C.J. 25
Chi, C.-F. 1, 14
Clegg, C. 9
Corbett, J.M. 19
Courtney, A.J. 33
Craven, F.W. 8
Cure, K.G. 4
Dain, S.J. 29
Drury, C.G. 1, 14, 22
Engvall, B. 17
Eriksson, H. 26, 39
Ernst, G. 12
Evans, W.A. 33
Fernie, G. 11
Fok, K.F. 33
Gard, G. 6
Genaidy, A.M. 2, 28

- Gonzalez, R.M. 28
 Goswami, A. 18
 Graveling, R.A. 24
 Haig, K.A. 38
 Haisman, M.F. 16
 Hanecke, K. 12
 Harber, P. 27
 Hella, F. 37
 Holden, J.M. 11
 Huck, J. 30
 John, P.A. 35
 Johnson, G.I. 21
 Kabuka, M. 2
 Kadefors, R. 26, 39
 Karlsson, R. 26, 39
 Kleman, J.E. 10
 Klemmer, E.T. 38
 Kuhn, P.C. 7
 Lansdale, M. 36
 Lunau, K. 11
 Malmqvist, A.K. 17
 Martin, D.K. 29
 Meese, G.B. 7
 Miezzo, K.R. 10
 Nachreiner, F. 12
 Nag, P.K. 18
 Östberg, O.N. 10
 Parenmark, G. 17
 Pekkarinen, A. 34
 Petersen, I. 26, 39
 Pradhan, C.K. 18
 Prinsloo, W. 7
 Reddan, W.G. 10
 Schiefer, R.E. 7
 Schlegel, R.E. 23
 Schoonman, W. 31
 Schouller, J.J. 37
 Shimozaki, S. 27
 Sims, M.T. 24
 Sinclair, M.A. 20
 Slatter, R.R. 8
 Slovak, A.J.M. 32
 Spencer, R.R. 23
 Swanson, N.G. 10
 Taylor, D. 5
 Tisserand, M. 37
 Törner, M. 26, 39
 Trevers, C. 32
 van der Flier, H. 31
 Verhoeft, L.W.M. 15
 Vojtecky, M. 27
 Volger, A. 12
 Waley, S.M. 28
 Whitbeck, C.W. 23
 Wilson, J.R. 21
 Winkel, J. 6

Keywords

(number refers to article number)

- Advanced manufacturing technology (AMT), 4, 5, 8, 9, 19, 20, 21, 35
 Agriculture, 18
 Anthropometry, 33
 Assembly tasks, 22
 Assembly work, 17
 Back pain, 27
 Biomechanical stress, 3, 24
 Breathing, 10
 Buoyancy, 25
 Camera operators, 28
 Clothing, 13
 Cold indices, 13
 Colour codes, 23

- Computer aided design, 35
 Computer integrated manufacturing (CIM), 8, 21
 Cranes, 6
 Data collection, 7
 Design, 9, 11, 33, 38
 Disabled people, 23
 Educational career, 12
 Elderly people, 11
 Electromyography (EMG), 6
 Engineering methods, 19
 Ergonomics, 21
 Errors, 15, 31
 Expert system, 2
 Fishing, 26, 39
 Hand tools, 18
 Handles, 1, 14
 Human body movements, 30
 Human engineering, 9
 Human performance, 2, 18
 Human resources, 5, 8
 Human-centred design, 19
 Information, 20, 22, 36
 Job design, 28
 Keyboards, 23
 Kitchens, 34
 Leisure time, 12
 Lifting, 1, 24
 Load carrying, 16
 Management, 36
 Manual handling, 2
 Mathematical models, 3
 Miners, 24
 Musculo-skeletal system, 3, 6, 26, 34
 Occupational accidents, 37
 Occupational disorders, 6, 27
 Occupational hazards, 4
 Occupational health, 32, 34
 Occupational effectiveness, 14, 20
 Oxygen consumption, 39
 Patient handling, 27
 Performance assessment, 7, 14, 16, 22, 30
 Performance, 5
 Physical exertion, 10, 14, 16
 Physiological effects, 17, 28
 Posture, 29
 Protective clothing, 25, 30
 Psychology, 36
 Railways, 15
 Schoolchildren, 7
 School furniture, 33
 Seating, 11
 Sequence effects, 1
 Shiftwork, 12
 Signals, 31
 Spectacles, 29
 Stress, 28
 Telephone handsets, 38
 Thermal comfort, 10, 25
 Thermal environment, 13
 Thermal stress, 7
 Ticket vending machines, 15
 Train driving, 31
 Training, 4, 17
 Underwater, 25
 User centred design, 35
 User preference, 38
 Vehicle design, 37
 Vision, 37
 Visual display units, 29, 32
 Work, 13
 Working conditions, 26
 Working environment, 32
 Working posture, 3, 24, 39
 Workload, 26, 39
 Workplace design, 34

Abstracts

76, 156, 241, 337

Procrustes

71, 142, 240, 324

Conferences

- Ergonomics giving quality to life: The Ergonomics Society Annual Conference, Manchester, UK, 11–15 April 1988, 250
 Finnish-Soviet symposium on work psychology, Moscow, USSR, 9–12 December 1986, 249
 1st International Conference on human aspects/ergonomics of advanced manufacturing and hybrid automated systems, Louisville, Kentucky, USA, 15–18 August 1988, 335
 First Latin American congress and third Brazilian Seminar in ergonomics, Brazil 6–11 December 1987, 168
 South East Asian Ergonomics Society: Second Conference, Denpasar-Bali, Indonesia, 27–29 July 1988, 334
 Sport, leisure and ergonomics, Burton, Cheshire, UK, 26–27 November 1987, 168

Books

- Applying cognitive psychology to user-interface design, M. M. Gardiner and B. Christie (Eds), 162
 Cumulative trauma disorders: A manual for musculoskeletal diseases of the upper limbs, Vern Putz-Anderson (Ed), 332
 Ergonomic interventions to prevent musculoskeletal injuries in industry, American Conference of Government Industrial Hygienists, 248
 Handbook of human factors, G. Salvendy (Ed), 248
 Handbook of road safety research, G. Grime, 162
 Human factors of information technology in the office, Bruce Christie (Ed), 73
 Industrial robot safety, Health & Safety Executive, 332
 New methods in applied ergonomics, J. Wilson, E.N. Corlett and I. Manenica, (Eds), 73
 New technology and human error, J. Rasmussen, K. Duncan and J. Leplat (Eds), 164
 Preventing back pain at work, E.M. Bunker and J. O'Sullivan, 332
 The disability scene: A library reference list for designers and makers of equipment for the disabled, compiled by Anne Rehahn, 332
 Warnings, Vol I: Fundamentals, design and evaluation methodologies, Vol. II: Annotated bibliography with topical index, James M. Miller and Mark R. Lehto, 74

